

AMENDMENT

Claims

5 1.(Amended) A video viewing system for viewing a desired video from videos of a first video group, and a second video group produced by use of said first video group,

10 wherein a video of said first video group is specified, whereby frequency-of-use of the specified video in said second video group is calculated and displayed.

15 2.(Amended) A video viewing system for viewing a desired video from videos of a first video group, a second video group produced by use of said first video group, and a third video group produced by use of said second video group,

20 wherein a video of any one video group of said first video group and second video group is specified, whereby frequency-of-use of said specified video in said second or third video group produced by use of the specified video is calculated and displayed.

25 3.(Amended) A video viewing system for viewing a desired video from videos of a first video group, a second video group produced by use of said first video group, and a third video group produced by use of said second video group, the video viewing system comprising:

25 a first storage unit which stores as to enable retrieval of said first video group, said second video group, and said third video group having said series of correlations;

30 a second storage unit which stores as to enable retrieval of mutual correlations obtained from said series of correlations;

30 a frequency-of-use generation unit which, upon specification of a video of any one video group of said first video group and second video group, retrieves a correlation with respect to said specified video from said second storage unit to generate frequency-of-use of said specified video in said second or third video group produced by use of said specified video
35 based on the retrieved correlation; and

a control unit which displays said frequency-of-use on a display unit.

40 4.(Amended) The video viewing system according to claim 3,

wherein said second storage unit stores as to enable retrieval of correlation information showing that each video section correlates to one video section of other video groups for each of said first video group, said second video group, and said third video group.

5.(Amended) The video viewing system according to claim 4,
wherein said frequency-of-use generation unit comprises:

a retrieval unit which, upon specification of a video of any one video group of said first video group and second video group, retrieves correlation information on said specified video from said second storage unit to identify a used video section of said specified video in said second or third video group produced by use of said specified video; and

a frequency-of-use calculation unit which generates the frequency-of-use of said specified video in said second or third video group produced by use of said specified video based on said used video section.

6.(Amended) The video viewing system according to claim 4,

wherein said control unit graphs and displays the frequency-of-use of said specified video in said second or third video group produced by use of said specified video based on a video section of said specified video.

7. The video viewing system according to claim 6,

wherein said control unit displays a pointer movable in a time axis direction of the video section of said specified video together with said graphed frequency-of-use, and displays said specified video from a time position indicated by said pointer when said pointer is operated.

8. The video viewing system according to claim 3,

wherein said control unit sorts and displays said frequency-of-use in any one of ascending order and descending order.

9.(Amended) A video viewing method for viewing a desired video from videos of a first video group, a second video group produced by use of said first video group, and a third video group produced by use of said second video group, the video viewing method comprising steps of:

a) storing as to enable retrieval of said first video group, said second video group, and said third video group having said series of correlations that said second video group is produced from said first video group, and said third video group is produced from said second video group;

b) storing as to enable retrieval of correlation information which is generated from said series of correlations, and shows that each video section correlates to one video section of other video groups for each of said first video group, said second video group, and said third video group;

c) identifying, upon specification of a video of any one video group of said first video group and second video group, a used video section of said specified video in said second or third video group produced by use of said specified video based on said retrieved correlation information;

d) generating frequency-of-use of said specified video in said second

or third video group produced by use of said specified video based on said used video section; and

e) displaying said frequency-of-use on a display unit.

5 10.(Amended) The video viewing method according to claim 9,
wherein in said step d),
generating said frequency-of-use by identifying a used frame number
of said specified video from said used video section , and counting said used
frame number in all used video sections in said second or third video group
10 produced by use of said specified video.

11.(Amended) The video viewing method according to claim 9,
wherein in said step e),
graphing and displaying the frequency-of-use of said specified video
15 in said second or third video group produced by use of said specified video
based on a video section of said specified video.

12. The video viewing method according to claim 11, further
comprising:
20 f) displaying a pointer movable in a time axis direction of the video
section of said specified video together with said graphed frequency-of-use;
and

g) displaying said specified video from a time position indicated by
said pointer when said pointer is operated.

25 13.(Amended) A program for making a computer run video viewing
processing for viewing a desired video from videos of a first video group, a
second video group produced by use of said first video group, and a third
video group produced by use of said second video group, the program
30 comprising steps of:

a step to cause storing as to enable retrieval of correlation
information which is generated from said series of correlations and shows
that each video section correlates to one video section of other video groups
for each of said first video group, said second video group, and said third
35 video group;

a step to cause retrieving, upon specification of a video of any one
video group of said first video group and second video group, correlation
information on said specified video, and to identify a used video section of
said specified video in said second or third video group produced by use of
40 said specified video based on the retrieved correlation information;

a step to cause generating frequency-of-use of said specified video in
said second or third video group produced by use of said specified video
based on said used video section; and

a step to cause displaying said frequency-of-use on a display unit.

14.(Amended) A video viewing method for viewing a desired video from videos of a first video group, and a second video group produced by use of said first video group,

wherein a video of said first video group is specified, whereby frequency-of-use of the specified video in said second video group is calculated and displayed.

15.(Amended) The video viewing method according to claim 14,

wherein the frequency-of-use of said specified video in said second video group is calculated based on a used video section in said second video group of said specified video.

16.(Amended) The video viewing method according to claim 15,

wherein said used video section is identified based on correlation information showing that each video section correlates to one video section of other video groups for each of said first video group and said second video group having a series of correlations that said second video group is produced by use of said first video group.

17.(Amended) The video viewing method according to claim 14,

wherein the frequency-of-use of said specified video in said second video group is graphed and displayed based on a video section of said specified video.

18. The video viewing method according to claim 17,

wherein a pointer movable in a time axis direction of the video section of said specified video is displayed together with said graphed frequency-of-use, and said specified video is displayed from a time position indicated by said pointer when said pointer is operated.

19. The video viewing method according to claim 14,

wherein said frequency-of-use is sorted and displayed in any one of ascending order and descending order.

20.(Amended) A video viewing method for viewing a desired video from videos of a first video group, a second video group produced by use of said first video group, and a third video group produced by use of said second video group,

wherein a video of any one video group of said first video group and second video group is specified, whereby frequency-of-use of said specified video in said second or third video group produced by use of the specified

video is calculated and displayed.

21.(Amended) The video viewing method according to claim 20,

5 wherein the frequency-of-use of said specified video in said second or third video group produced by use of said specified video is calculated based on a used video section of said specified video in said second or third video group produced by use of said specified video.

22.(Amended) The video viewing method according to claim 21,

10 wherein said used video section is identified based on correlation information showing that each video section correlates to one video section of other video groups for each of said first video group, said second video group, and said third video group having a series of correlations that said second video group is produced by use of said first video group, and said
15 third video group is produced by use of said second video group.

23.(Amended) The video viewing method according to claim 20,

wherein the frequency-of-use of said specified video in said second or third video group produced by use of said specified video is graphed and
20 displayed based on a video section of said specified video.

24. The video viewing method according to claim 23,

wherein a pointer movable in a time axis direction of the video section of said specified video is displayed together with said graphed
25 frequency-of-use, and said specified video is displayed from a time position indicated by said pointer when said pointer is operated.

25. The video viewing method according to claim 20,

wherein said frequency-of-use is sorted and displayed in any one of
30 ascending order and descending order.

26.(Added) A video viewing system for viewing a desired video from videos of a first video group, and a second video group produced by use of said first video group,

35 wherein frequency-of-use of said first video group in said second video group is calculated and displayed.

27.(Added) A video viewing system for viewing a desired video from videos of a first video group, and a second video group produced by use of said first
40 video group,

wherein a correlation between said first video group and said second video group is analyzed from a video, and frequency-of-use of said first video group in said second video group is calculated and displayed.

28.(Added) A video viewing system, in which a video of any one video group of a first video group, and a second video group produced by use of said first video group is specified,

5 whereby frequency-of-use of the specified video in other video groups is calculated and displayed.

29.(Added) A video viewing system, in which a video of any one video group of a first video group, a second video group produced by use of said first video group, and a third video group produced by use of said second video group is specified,

10 whereby frequency-of-use of said specified video in other video groups having a correlation with the specified video is calculated and displayed.

15 30.(Added) A video viewing system for viewing a desired video from a plurality of videos, comprising:

20 a first storage unit which stores as to enable retrieval of a plurality of video groups having a series of correlations that at least one video of one video group is used to produce a video of the next video group;

 a second storage unit which stores as to enable retrieval of mutual correlations obtained from said series of correlations;

25 a frequency-of-use generation unit which, upon specification of a video of any one video group of said plurality of video groups, retrieves a correlation with respect to said specified video from said second storage unit to generate frequency-of-use of said specified video in other video groups based on the retrieved correlation; and

 a control unit which displays said frequency-of-use on a display unit.

30 31.(Added) The video viewing system according to claim 30,

 wherein said second storage unit stores as to enable retrieval of correlation information showing that each video section correlates to one video section of other video groups for each of said plurality of video groups.

35 32.(Added) The video viewing system according to claim 31,

 wherein said frequency-of-use generation unit comprises:

40 a retrieval unit which, upon specification of a video of any one video group of said plurality of video groups, retrieves correlation information on said specified video from said second storage section to identify a used video section in other video groups of said specified video; and

 a frequency-of-use calculation unit which generates the frequency-of-use of said specified video in said other video groups based on

said used video section.

33.(Added) The video viewing system according to claim 31,

wherein said control unit graphs and displays the frequency-of-use of
5 said specified video in said other video groups based on a video section of
said specified video.

34.(Added) The video viewing system according to claim 33,

wherein said control unit displays a pointer movable in a time axis
10 direction of the video section of said specified video together with said
graphed frequency-of-use, and displays said specified video from a time
position indicated by said pointer when said pointer is operated.

35.(Added) The video viewing system according to claim 30,

15 wherein said control unit sorts and displays said frequency-of-use in
any one of ascending order and descending order.

36.(Added) A video viewing method for viewing a desired video from a
plurality of videos comprising steps of:

20 a) storing as to enable retrieval of a plurality of video groups having
a series of correlations that at least one video of one video group is used to
produce a video of the next video group;

b) storing as to enable retrieval of correlation information which is
generated from said series of correlations and shows that each video section
25 correlates to one video section of other video groups for each of said
plurality of video groups;

c) retrieving, upon specification of a video of any one video group of
said plurality of video groups, correlation information on said specified
video to identify a used video section in other video groups of said specified
30 video;

d) generating frequency-of-use of said specified video in said other
video groups based on said used video section; and

e) displaying said frequency-of-use on a display unit.

37.(Added) The video viewing method according to claim 36,

wherein in said step d),

generating said frequency-of-use by identifying a used frame number
of said specified video from said used video section, and counting said used
frame number in all used video sections in said other video groups.

38.(Added) The video viewing method according to claim 36,

wherein in said step e),

graphing and displaying the frequency-of-use of said specified video

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in said other video groups based on a video section of said specified video.

39.(Added) The video viewing method according to claim 38, further comprising:

5 f) displaying a pointer movable in a time axis direction of the video section of said specified video together with said graphed frequency-of-use; and

g) displaying said specified video from a time position indicated by said pointer when said pointer is operated.

10 40.(Added) A computer program for making a computer run video viewing processing for viewing a desired video from a plurality of video groups having a series of correlations that at least one video of one video group is used to produce a video of the next video group, the computer program comprising steps of:

15 a step to cause storing as to enable retrieval of correlation information which is generated from said series of correlations and which shows that each video section correlates to one video section of other video groups for each of said plurality of video groups;

20 a step to cause retrieving, upon specification of a video of any one video group of said plurality of video groups, correlation information on said specified video to identify a used video section in other video groups of said specified video;

25 a step to cause generating frequency-of-use of said specified video in said other video groups based on said used video section; and

a step to cause displaying said frequency-of-use on a display unit.

41.(Added) A video viewing method for viewing a desired video from a plurality of videos,

30 wherein a video of any one video group of a first video group, and a second video group produced by use of said first video group is specified, whereby frequency-of-use of the specified video in other video groups is calculated and displayed.

35 42.(Added) The video viewing method according to claim 41,

wherein the frequency-of-use of said specified video in said other video groups is calculated based on a used video section in other video groups of said specified video.

40 43.(Added) The video viewing method according to claim 42,

wherein said used video section is identified based on correlation information showing that each video section correlates to one video section of other video groups for each of a plurality of video groups having a series

of correlations that at least one video of one video group is used to produce a video of the next video group.

44.(Added) The video viewing method according to claim 41,

5 wherein the frequency-of-use of said specified video in said other video groups is graphed and displayed based on a video section of said specified video.

45.(Added) The video viewing method according to claim 44,

10 wherein a pointer movable in a time axis direction of the video section of said specified video is displayed together with said graphed frequency-of-use, and said specified video is displayed from a time position indicated by said pointer when said pointer is operated.

46.(Added) The video viewing method according to claim 41,

15 wherein said frequency-of-use is sorted and displayed in any one of ascending order and descending order.

47.(Added) A video viewing method for viewing a desired video from a plurality of videos,

20 wherein a video of any one video group of a first video group, a second video group produced by use of said first video group, and a third video group produced by use of said second video group is specified, whereby frequency-of-use of said specified video in other video groups
25 having a correlation with the specified video is calculated and displayed.

48.(Added) The video viewing method according to claim 47,

30 wherein frequency-of-use of said specified video in said other video groups is calculated based on a used video section in other video groups of said specified video.

49.(Added) The video viewing method according to claim 48,

35 wherein said used video section is identified based on correlation information showing that each video section correlates to one video section of other video groups for each of a plurality of video groups having a series of correlations that at least one video of one video group is used to produce a video of the next video group.

50.(Added) The video viewing method according to claim 47,

40 wherein frequency-of-use of said specified video in said other video groups is graphed and displayed based on a video section of said specified video.

51.(Added) The video viewing method according to claim 50,

wherein a pointer movable in a time axis direction of the video section of said specified video is displayed together with said graphed frequency-of-use, and said specified video is displayed from a time position indicated by said pointer when said pointer is operated.

52.(Added) The video viewing method according to claim 47,

wherein said frequency-of-use is sorted and displayed in any one of ascending order and descending order.